U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Substitute for form 1449A/PTO MAY 1 9 2004 **Application Number** 10/672,059 INFORMATION BUSCLOSURE **Filing Date** September 29, 2003 **First Named Inventor** Linda ARTERBURN et al. STATEMENT BY APPLICANT **Art Unit** 1614 (use as many sheets as necessary) **Unassigned Examiner Name** LROYDS **Attorney Docket Number** Sheet 1 of 4 62611.000234 **U.S. PATENT DOCUMENTS** Pages, Columns, Lines, *Examiner Cite DOCUMENT NUMBER **Publication Date** Name of Patentee or Where Relevant Passages or Initials No. Number - Kind Code (if known) MM-DD-YYYY **Applicant of Cited Document** Relevant Figures Appear LAR US 5508310 04-16-1996 Rhodes US 2. 5720304 02-24-1998 Omura LAR US 05-09-2002 20020055538 Serhan et al. FOREIGN PATENT DOCUMENTS FOREIGN PATENT Pages, Columns, DOCUMENT Lines, Where Country Name of Patentee or Relevant Passages or **TRANSLATION** Number - Kind **Publication Date** *Examiner Cite Applicant of Cited Relevant Figures Code: Code (if known) Initial No. MM-DD-YYYY **Document** Appear YES NO LAK EP 10-04-1995 Horrobin et al. 0675103 A3 NON-PATENT LITERATURE DOCUMENTS include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the **TRANSLATION Examiner** Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue nitials number(s), publisher, city and/or country where published YES NO FREEMAN et al., "C-Reaction Protein Is an Independent Predictor of Risk for the **5**. LAR Development of Diabetes in the West of Scotland Coronary Prevention Study," Diabetes, Vol. 51, May 2002, pp. 1596-1600 Diabetes In Control.com, "C-Reactive Protein Predicts Diabetes Risk in Middle-Age Men," 6. Item #5, 2 pages 2002 American Family Physician, November 15, 1999, Tips from other Journals, "Low- vs. High-**7**. Dose Aspirin After Carotid Endarterectomy," 2 pages SERHAN et al., "Anti-Microinflammatory Lipid Signals Generated From Dietary N-3 Fatty Acids Via Cyclooxygenase-2 and Transcellular Processing: A Novel Mechanism For NSAID LAR And N-3 PUFA Therapeutic Actions," Journal of Physiology and Pharmacology, 2000, 51, 4, pp. 643-654 DATE CONSIDERED 3/4/05 **EXAMINER SIGNATURE** *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO					Application Number	10/672,059					
INIE	:^E)	^N [DISCLOSURE	Filing Date	September 29, 2003	September 29, 2003				
				APPLICANT	First Named Inventor	Linda ARTERBURN et a	ıl				
31				s as necessary)	Art Unit	1614					
	(00.	as man,	SHOULD	do Hecessary)	Examiner Name	Unassigned L. ROYDS					
Sheet		2	of	4	Attorney Docket Number	62611.000234					
NON-PATENT LITERATURE DOCUMENTS											
*Examiner Initials	Cite .		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published								
LIAZE	9.	Actions Antiinfla	SERHAN et al., "Novel Functional Sets of Lipid-derived Mediators with Antiinflammatory Actions Generated from Omega-3 Fatty Acids via Cyclooxygenase 2-Nonsteroidal Antiinflammatory Drugs and Transcellular Processing," JEM online, 192 (8):1197, printed 7/7/03, {http://www.jem.org/cgi/content/full/192/8/1197}, pp. 1-14								
	10.		BLANCO et al., "Effect of antiinflammatory drugs on COX-1 and COX-2 activity in human articular chondrocytes," J. Rheumatol, 1999 Jun, 26 (6): 1366-73, Pub Med Abstract printed 7/7/03								
	11.	circuits	SERHAN et al., "Resolvins: a family of bioactive products of omega-3 fatty acid transformation circuits initiated by aspirin treatment that counter proinflammation signals," J. Exp. Med. 2002 Oct.;196(8): 1025-37, Pub Med Abstract printed 7/7/03								
	12.	of n-3 fa	SVANEBORG et al., "The acute and short-time effect of supplementation with the combination of n-3 fatty acids and acetylsalicylic acid on platelet function and plasma lipids," Thromb Res. 2002 Feb15;1054(4):311-6, Pub Med Abstract printed 7/7/03								
	13.	PATRIC human 7/7/03	PATRIGNANI et al., "COX-2 is is not involved in thromboxane biosynthesis by activated human platelets," J. Physiol Pharmacol. 1999 Dec;50(4):661-7, Pub Med Abstract printed 7/7/03								
	14.	ANIL et prostag 7/7/03	ANIL et al., "Effect of n-3 fatty acids on VLDL production by hepatocytes is mediated through prostaglandins," Biochem Mol. Biol. Int. 1997 Dec.;43(5):1071-80, Pub Med Abstract printed 7/7/03								
	15.	synthes	HINZ et al., "Salicylate metabolites inhibit cyclooxygenase-2-dependent prostaglandin E(2) synthesis in murine macrophages," Biochem. Biophys. Res. Commun. 2000 Jul. 21;274(1):197-202, Pub Med Abstract printed 7/7/03								
	16.		HAWKEY, "COX-1 and COX-2 inhibitors," Best Pract. Res. Clin. Gastroenterol. 2001 Oct; 15(5):801-20, Pub Med Abstract printed 7/7/03								
	17.	MD Dig	PRADHAN et al., "Can serum markers predict the development of type 2 diabetes mellitus?," MD Digests, printed 8/21/02, 1 page, {http://www.healthstream.com/mddigestsmain.cfm?MDDigestID=1190}								
LARZ	18.	diabetes	es and in		Subclinical inflammation in new e," Diabetologia 2002 Jan.;45		-				
EXAMI	VER S	SIGNATURI	F 10	Mil Joyde	DATE CONSIDERED	3/4/05					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.											

Substitute for form 1449A/PTO							TA	Application Number	10/672,059				
						·	-	iling Date	September 29, 2003				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)							-	irst Named Inventor	Linda ARTERBURN et al.				
							-	Art Unit	1614				
							-		-Unassigned L. ROYDS				
Sheet		3		of	T ₄		-			- 100 (100)			
311661		<u> </u>											
	NON-PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the												
"Examiner Initials	Cite No.		10	ncluae na item (ame or u (book, ma	agazine, journal, seria	al, syr	mposium, catalog, etc.), date, pag	ge(s), volume-issue	TRANSLA			
		-	number(s), publisher, city and/or country where published VISSER et al., "Elevated C-Reaction Protein Levels in Overweight and Obese Adults," JAMA,							YES	NO		
LAE	19.	١	Vol. 282	2, No. 2	22, Dec		Abstr	ract printed 8/21/02 {http://j					
	20.	1	BERMUDEZ et al., "C-Reactive protein (CRP), statins, and the primary prevention of atherosclerotic cardiovascular disease," Medscape from WebMD, {http://www.medscape.com/viewarticle/433236}, printed 9/18/03, 2 pages										
	21.	F	Pharma	cothera	apy 23(_	3, M	exane synthesis in patients ledscape Abstract, 5732}, 9 pages	with vascular disease,"				
	22.		MADSEN et al., "C-reactive protein, dietary n-3 fatty acids, and the extent of coronary artery disease," The American Journal of Cardiology, Vol. 88, Issue 10, 15 November 2001, pages 1139-1142, Science @ Direct Abstract, 1 page										
	23.	L C	JEYARAJAH et al., Docosahexaenoic acid, a component of fish oil, inhibits nitric oxide production in vitro," J. Surg. Res. 1999 May 15;83(2):147-50, Pub Med Abstract printed 9/17/03, 1 page										
	24.	S	MIYAZAKI et al., "Dietary docosahexaenoic acid ameliorates, but rapeseed oil and safflower oil accelerate renal injury in stroke-prone spontaneously hypertensive rats as compared with soybean oil, which is associated with expression for renal transforming growth factor-beta, fibronectin and renin," Biochim. Biophys. Acta. 2000 Jan. 3;1483(1):101-10, Pub Med Abstract printed 9/17/03, 1 page										
	25.	а	YANO et al., "Docosahexaenoic acid and vitamin E can reduce human monocytic U937 cell apoptosis induced by tumor necrosis factor," J. Nutr. 2000 May; 130(5):1095-101, Pub Med Abstract printed 9/17/03, 1 page										
	26.	r	TEMELKOVA-KURKTSCHIEV et al., "Subclinical inflammation is strongly related to insulin resistance but not to impaired insulin secretion in a high risk population for diabetes," Metabolism 2002 Jun; 51(6):743-9, Pub Med Abstract printed 8/22/02, 2 pages										
	27.		GALLOWAY et al., "Insulin-induced hypoglycemia induces a rise in C-reactive protein," Diabetes Care, 2000 Jun;23(6):861-2, Pub Med Abstract printed 8/22/02, 3 pages										
LAR	28.	ŀ	HANKE	Y et al.	, "Antip	latelet drugs," eN	ALN	Abstract, MJA 2003; 178(1	l 1): 568-574, 13 pages				
	EXAMINER SIGNATURE WILL ROUGE DATE CONSIDERED 314105												
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

Substitute for form 1449A/PTO						Application Number	10/672,059					
INF	FOF	AN.	JATIC)N C	DISCLOSURE	Filing Date First Named Inventor	September 29, 2003					
ST	AT	Er	MENT	IBY	APPLICANT	First Named Inventor	Linda ARTERBURN et al.					
	(u	se {	as many	sheets	s as necessary)	Art Unit	1614					
						Examiner Name	Unassigned L. Poyt	YDS				
Sheet		4		of	4	Attorney Docket Number	62611.000234					
NON-PATENT LITERATURE DOCUMENTS												
*Examiner	Cita		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue									
Initials	No.			number(s), publisher, city and/or country where published								
LAR	29.		OFFERI	MANNS	5, "Antiplatelet Drugs," M	Nolecular Pharmacology, 3 pag	ages 2001	\				
	30.		SARGE Aquacu	NT et a	al., "Recent developments 77 (1999) 191-199	ts in the essential fatty acid nu	strition of fish,"					
	31.		JAMES et al., "Dietary polyunsaturated fatty acids and inflammatory mediator production," Am. J. Clin. Nutr., 2000 Jan;71(1 Suppl):343S-8S, Pub Med Abstract printed 9/17/03, 1 page									
	32.		WATANABE et al., "Dietary docosahexaenoic acid butnot eicosapentaenoic acid suppresses lipopolysaccharide-induced interleukin-1 beta mRNA induction in mouse spleen leukocytes," Prostaglandins Leukot. Essent. Fatty Acids., 2000 Mar.;62(3):147-52, Pub Med Abstract printed 9/17/03, 1 page									
	33.		ARTS et al., "Essential fatty acids" in aquatic ecosystems: a crucial link between diet human health and evolution," Can. J. Fish. Aquat. Sci. 58: 122-137 (2001)									
	34.		Clinical Insights Fax Program, Issue No. 29 (October 2, 2000), National Diabetes Education Initiative For Healthcare Professionals, printed 8/21/02, {http://www.ndei.org/content/ndeipubs/clinical_insights/fax100200.asp}									
	35.		CRP, Inflammation, and Subclinical Atherosclerosis," Medscape from WebMD, printed 9/18/03, {http://www.medscape.com/viewarticle/433236_2}, 1 page									
	36.		International Search Report dated April 26, 2004 for Application No. PCT/US03/30484									
LAR	37.		GRIEGER, "Diabetes and cardiovascular disease," printed from {http://www.heartinfo.org/search/print.asp?id}, printed 8/21/02, 3 pages									
EXAMINER SIGNATURE CONSIDERED 3/4/05												
*EXAMI citation		: Ir Lin (nitial if re conforma	aterénce ince an	e considered, whether or d not considered. Include	r not citation is in conformance copy of this form with next com	e with MPEP 609. Draw nmunication to applicant.	line thro	ough			